MARKET FISH RECEIPTS SMALL

So Good Prices Are Maintained at Boston.

T wharf has 24 arrivals this morning but most of the fares run small so that the average is only about 18,000 pounds to a trip. The total is about 450,000 pounds and of this amount 182,000 pounds are pollock and hake, for which the dealers do not hanker. The market fish, some 275,000 pounds, is a very small amount for the fine Wednesday trade, especially so after the lean receipts of Monday and Tuesday.

Good prices rule with haddock from \$3.50 to \$4.15 and cod all the way from \$2.50 to \$6.00. Steamer Spray marked another good fare yesterday after-noon. Some of the off-shore fellows are in to get the benefit of the good mar-

Sch. Catherine and Ellen is high Sch. Catherine and Ellen is high with 53,000 pounds, sch. Benjamin F. Phillips, 48,000 pounds, sch. Belbina P. Domingoes 47,000 pounds and sch. Matchless 43,000 pounds. The other trips run from 1500 to 20,000 pounds. Bad weather and a scant supply of bait has made business poor for the fishermen arriving at T wharf so far this week, and the market is receiving

this week, and the market is receiving only a small part of what is needed to supply orders.

It looks as if the week might be a poor one to the end. A number of the vessels that left Monday and Sunday went from Boston without bait, hoping to get some at Provincetown, where from time to time recently the traps have had large quantities of herring and squid, but reports from there Monday evening indicate that their hope was a vain one. At the time the news was sent there was a fleet of Boston vessels in the harbor numberlng 17, waiting for balt, with only a small supply of fresh squid taken in the traps. Unless these vessels get out at once there is very little hope that they will be able to fish and return here in time for the heavy buying days of the week. days of the week. The receipts in detail are:

Boston Arrivals.

Sch. Belbina P. Domingoes, 35,000 Sch. Belbina P. Domingoes, 50,000 haddock, 10,000 cod, 2000 hake.

Sch. Annie and Jennie, 2000 haddock, 15,000 cod, 2000 hake.

Sch. E. C. Hussey.

Steamer Spray, 40,000 haddock, 1000

cod, 2000 hake. Sch. Genesta, 9500 haddock,

cod, 5000 hake.
Sch. Rita A. Viator, 20,000 pollock. Sch. Mary E. Cooney, 8000 haddock, 2000 cod, 15,000 hake. Sch. Olivia Sears, 4000 pollock.

Sch. N. A. Rowe, 8000 cod. Sch. Reliance, 7000 pollock. Sch. Laura Enos, 8000 pollock. Sch. Eva Avina, 8000 pollock.

Sch. Måbel Bryson, 1500 haddock 1500 cod, 3000 hake.

Sch. Matchless, 5000 haddock, 13,000 cod, 2000 hake, 22,000 pollock.
Sch. Ethel B. Penney, 7000 haddock,

Sch. Ethel B. Penney, 7000 haddock, 7000 cod, 5000 hake.
Sch. Benj. F. Phillips, 25,000 haddock, 8000 cod, 15,000 hake.
Sch. Catherine and Ellen, 26,000 haddock, 6000 cod, 25,000 hake.
Sch. Matiana, 10,000 haddock, 5000 cod, 5000 holes.

sch. Matiana, 10,000 haddock, 5000 cod, 5000 hake.

Sch. Little Fanny, 1500 haddock, 1000 cod, 4000 pollock.

Sch. Pearl, 1500 cod.

Sch. Elizabeth W. Nunah, 4000 haddock, 20000 cod, 20000 belto.

dock, 2000 cod, 20,000 hake. Sch. Ignatius Enos, 7000 pollock

Sch. Grace Darling, 15,000 cod, 2000 pollock.
Sch. Helen B. Thomas, 2500 haddock,

500 cod, 3000 hake.

Haddock, \$3.50 to \$4.15 per cwt.; large cod, \$5.50 to \$6; market cod, \$2.50 to \$3; hake, 70 cts. to \$1.35; pollock, 60 cts. to 70 cts.

Foreign Salt Fish Market.

The Fishing Gazette speaks as follows of foreign salt fish conditions: "Holland herring have been in ex-

cellent demand and stocks are nearly closed, particularly of milkers, which are scarce. Strohmeyer & Arpe say: "The shippers abroad are unwilling to make further consignments unless receivers here guarantee them at least five cents per keg more than they have been getting, as late returns have been very unsatisfactory to Holland shippers. It certainly looks as if the market for Holland herrings has touched bottom, and we should not be surprised to see some little advance in the near future." "Scotch herring continue in good de-

"Norway stockfish is very firm and split fish scarce and much higher.
"A prominent New York exporter

says:
"The Porto Rico market continues depressed, in view of shipments in excess of present requirements. Codfish and pollock are sold there at considerably less than the same can be bought

at producing centers.
"These conditions are familiar, and it may be added, very profitable—to

the consignees, while perhaps not quite as satisfactory to the shippers.

"The local demand is quiet. It is particularly dull for hake, which continues very low in price."

Mammoth Oyster.

The biggest oyster that New York oyster dealers remember ever having been taken in these waters is on exhibition in West Washington Oyster Market, New York, the J. & J. W. Ellsworth Co. having it in their office preserved in alcohol. The meat of the oyster weighs exactly one-quarter of a pound. It is five and one-half inches long, three inches wide and two inches thick. It is estimated that the oys-ter was over 20 years old when taken last week.

Oct. 27.

Fishing Fleet Movements.

Br. sch. Strathcona, Capt. Pettipas, sailed from Halifax, N. S., Saturday. Sch. Marsala was at Liverpool, N. S., on Saturday.
Sch. Theodore Roosevelt was

Liverpool, N. S., on Saturday and cleared for home.
Sch. Priscilla Smith passed south

by Port Mulgrave on Saturday.

Oct. 27.

For Salt Herring Cargoes.

Sch. Hiram Lowell of Bucksport, Me., has sailed from that port on a Newfoundland salt herring trip, under command of Capt. Charles Stewart of this port. The crew of the craft also are from this port.

Capt. James Bowie, with a crew from here went to Bucksport yesterday to fit the three-master sch. Arthur V. L. Woodbury for a Newfoundland salt herring trip. Me., has sailed from that port on a

foundland salt herring trip.

Oct. 27.

Making Quick Trips.

Matthew Greer of the sch. Capt. Mary B. Greer started out yesterday morning on his fourth trip within 10 days. Three times in the last eight days he came to T wharf with fish, striking the market while prices were good, and for the three trips each of his men received as his share of the profits of the sales. \$60 net. Capt. Greer is one of the owners of the vessel, and the other owners are all members of his crew. bers of his crew.

Oct. 27.

MANY KINDS OF TRIPS.

Included in Today's Fishing Arrivals at This Port.

There have been quite a few arrivals here since last report. Three of the North Bay mackerel fleet have come home and one of the Quero Bank shackers, as well as a dory handliner, have showed up. A few pollock and a fare of cured fish from "down east" about tells the whole story.

The vessels home from North Bay are schs. John M. Keen, Judique and Dauntless, and they have small fares. Sch. Arcadia, Capt. Lemuel Firth, from a dory handline trip, has 225,000 pounds of salt ced, a fine catch, as the craft did not sail from here until September 8.

Sch. John Hays Hammond, Lemuel E. Spinney, is home from a Quero Bank shack trip, with a good fare, 120,000 pounds of salt cod and

35,000 pounds fresh. Sch. Emma F. Chase from Jonesport, Me., has 700 quintals cured fish, also 1000 boxes of scaled herring and 25 tons of smoked herring for cutting.

The torchers had 100 barrels of fresh herring, and sch. Mary Emerson brought in 25 barrels of salt herring. Sch. George E. Lane, Jr., had a good trip of pollock.

The arrivals and receipts in detail are:

Today's Receipts.

Sch. John Hays Hammond, Quero Bank, 120,000 lbs. fresh cod, 35,000 lbs.

Bank, 120,000 lbs. fresh cod, 35,000 lbs. salt cod, 600 lbs. halibut.
Sch. Arcadia, Quero Bank, dory handlining, 225,000 lbs. salt cod.
Sch. John M. Keen, North Bay, 30 bbls. salt mackerel.
Sch. George E. Lane, Jr., shore, 20,000 lbs. pollock.

000 lbs. pollock. Sch. Mary Emerson, shore, 25 bbls.

salt herring.

Sch. Emma F. Chase, Jonesport, Me., cured fish and smoked and scaled her-

sch. Olympia, via Boston.
Sch. Dauntless, North Bay, seining,
bbis. sali ackerel.
Sch. Flora J. Sears, shore,

Sch. Good Luck, via Boston. Sch. Blanche F. Irving, shore.

Sch. Judique, North Bay, seining, 68

bbls. salt mackerel.

Boats and torchers, 100 bbls. fresh

Vessels Sailed.

Sch. Benj. A. Smith, haddocking.
Sch. Mary DeCosta, haddocking.
Sch. Mary F. Curtis, shacking.
Sch. Senator, halibuting.
Sch. George E. Lane, Jr., pollocking.
Sch. Jubilee, pollocking.
Sch. Thomas S. Gorton, haddocking.

Sch. Dictator, halibuting.

Sch. Massasoit, shore.

Today's Fish Market.

Cape North salt cod, large, \$3; mediums, \$2.75.
Outside sales, fresh western cod,

large, \$2, market, \$1.65; haddock, 65c and 67 1-2c.

Outside sales fresh eastern cod, large, \$1.60; medium, \$1.40.

Outside sales salt Rips cod, \$3.60 per

cwt. for large and \$3.25 for mediums.
Salt dory handline codfish, large,
\$3.25; mediums, \$3.
Round pollock, 55 cts. per cwt.
Outside sales of round pollock, 60c

per cwt.

Bank halibut 12 cts. per lb. right through for white and gray.

Small lots fresh halibut, 19 cts. lb. Flitched halibut, 8 1-4 cts. per lb. Salt large shore mackerel, rimmed, late caught, \$38 per bbl. for large and \$22 for medium.

North Bay salt mackerel, \$28 per lb.

North Bay salt mackerel, \$22 per

Board of Trade prices:

Large drift Georges cod, \$3.60 per cwt.; medium cod, \$3.25.

Large halibut cod, \$3 per cwt.; medium cod, \$2.75; snappers, \$1.50.
Trawl salt Georges cod, large, \$3.50;

mediums, \$3.

Large salt handline Georges cod, large, \$3.75; medium, \$3.25.

Dory handline salt cod, large, \$3.25;

medium, \$3.

Eastern drift salt cod, large, \$3.25
per cwt.; medium, \$3.

Trawl bank cod, large, \$3 per cwt.;
medium, \$2.75; snappers, \$1.50.

Salt cusk, large, \$2.50 per cwt.; medium, \$2.50 per cwt.;

dium, \$2; snappers, \$1.

Salt pollock, \$1 per cwt.; salt had-dock, \$1; salt hake, \$1. Splitting prices for fresh fish, Westsplitting prices for fresh fish, west-ern cod, large, \$2 per cwt.; medium do., \$1.65; Eastern cod, large, \$1.70; medium cod, \$1.40; cusk, \$1.65 for large; \$1.20 for medium, and 50c for snappers; haddock, 65 cts.; hake, 90 cts.; hollock 60 cts. cts.; pollock, 60 cts.

Oct. 28.

PATENTS ON FISH NETS.

The following patents of interest to The following patents of interest to fishermen, have recently been issued: W. S. Bowen, London. Nets; trawling gear. The mouth of a trawl net is flared in order that the pressure of the water may keep it open, so that ottr boards may be dispensed with. The pair of rope or other flexible concentric gings are connected by a concentric rings are connected by a piece of fine meshing, or by pieces of of wood or other material which will offer resistance when the water. The shape of the mouth is controlled by the relative lengths of the bridles. In the provisional specification it is mentioned that a number

of bell-crank levers may be attached to the mouth. G. K. Cloud, Mobile, Ala., U. S. A. Fishing nets; net and line haulers. A conical net is supported on cables over a block on a swinging arm at-tached to a mast. The conical net is formed of a length of netting having its ends secured by lacing through the meshes. Weights are attached to the lower part of the net, and weights are also attached to the upper part to cause the net to retain its proper shape, more or less when dropped. Rings are attached to the net, and are engaged with pins, which are placed through the double slots. The net is released by hauling on the cable until the pins are withdrawn from the slots and rings. The net-supporting frame is formed in sections so as to be

adjustable in size.

THE FISHERIES OF LABRADOR.

That Occupation the Leading One of This Far North People.

Method There Very Different From Those Of Other Nations.

In our own city, where there is so much interest in the fisheries, there must be some solicitude regarding the method employed by the people of other countries in wresting a living from the seas. A recent issue of the St. John's, N. F., Chronicle, contained a vivid and interesting story of the codfishers on the coast of Labrador. It says:

"Since the days when the Cabots first sighted the snow-covered peaks and ice-bound coasts of Labrador, its forbidden shores have been rarely visited except by fishermen, enthusiastic explorers and scientists. Its few settlements are all upon the coast generally in some sheltered fiord, presenting in the summer a sight that is indeed picturesque, but in the winter a forbidden spectacle of despair and desolation. With the exception of a few permanent villages in the extreme southern part, the population of the peninsula is composed of Esquimaux missionaries, agents of the Hudson Bay Company, with a small number of hardy settlers, who are left to care for the deserted homes of the absent fishermen. Here these people spend the dreary months of winter in their peat houses covered with many feet of snow, cut off from all communication with friends in distant lands, waiting patiently for the cheery whistle of the mail boat, which is the harbinger of spring and the return from mere existence to a few weeks of true life.

The Great Product of Labrador is its Fisheries.

Strip it of its marine products and you have left nothing but mosquitoes and a barren waste. In its fisheries, which amount annually to many hundreds of thousands of dollars, it is easy to see what have been the bone of contention in past years between England, France and the United States. The business of catching fish is carried on for the most part by the large and enterprising houses of Scotland, with their branch offices in Newfoundland. Each house has its dependents whom it furnishes in spring with food, apparatus and boats necessary to obtain a catch. In the fall the accounts are settled. If the season has been a munerative one the house obtain an ample return for its investment on the figure one, the house stands its loss, patiently looking to another year to reimburse it for its previous unprofitable outlay. Very little money ever passes into the hands of the catchers of fish. It is a matter of barter wholly, and the balance of credit is always on the side of the house. Yet with its manifest disadvantages the system is a great practical help to the fisherman himself, since it frees him from direct competition in the large markets, and guarantees him a home and means of support, which it left to himself he might often lack.

The Method of Catching Fish Differs From That Employed

by any other people except the Scandinavians. It was introduced from the Norwegian coast over 20 years ago and first put into operation off the shores of Newfoundland near St. John's. There it was so successful that trap-fishing is now employed along the whole Labrador coast. The trap consists of an immense well, built in the form of a square, measuring eight fathoms to a side. These sides, which are made of strong netting, are connected at the bottom by a flooring of netting, the whole extending from the buoys at the surface to very near the bottom. From the square enclosure thus made a net is strung to the shore, where it is fastened, generally at the foot of some perpendicular cliff, to serve the purpose of a ladder. The fish in their passage to and from the harfor encounter this ladder, and in trying to pass around it, enter the trap, which they try in vain to leave. The average number of fish captured at one haul of the trap is 50 quintals in a

good season, and as two hauls are made in a day, the profits are large, especially when the fish sell, as during the past season, at from \$3.50 to \$4.00 per quintal.

The Method of Pulling the Trap is Very Interesting.

A large boat, capable of carrying 40 quintals of fish and manned by six hands is moored to one corner of the trap and the work of undermining begun, the object being to force the fish into one corner that they may the more easily be transferred to the boat by the dip-net. Beginning at this corner, the bottom and sides of the net are pulled gradually to the sides of the boat, as each new hold reaches the gunwhale the preceding one being let go. In this way the fish are gradually forced into the corner from which they are transferred to the boat. Oftentimes the sag of the net becomes caught on the botton of the boat, which is then literally aground on a shoal of codfish. When the catch is too large for the boat to carry to the cleaning house a bag is fastened to the top line of the net and the fish forced into it, where they remain until the next day, when they are taken at a special trip.

A well-equipped trap costs \$400, and when badly torn, or, as is sometimes the case in a storm, lost altogether, necessitates an additional hardship on the unfortunate owner. At each heavy blow or storm the traps are taken up to guard against possible disaster, but oftentimes the storm comes up too suddenly to admit of this precaution, and a total destruction of the trap ensues. The fishermen, however, are adepts at mending the net, and a needle and twine are indispensable to a well-equipped boat.

The Advantage in This Means of Fishing,

as regards the safety of persons and property engaged, over the American method of banking can be easily seen. The vessels remain securely anchored in a safe harbor, while the men live either on board or in comfortable huts on shore, making trips twice each day to their traps. No danger here from storms, fogs, or the ocean greyhounds, the swift messengers of death to so many hardy Cape Ann fishermen. Comfortably housed on shore, the fisherman laughs at the howling gale outside, and contentedly waits for the coming of a calmer and brighter day. In the pursuit of this industry the

In the pursuit of this industry the law of the survival of the fittest is followed to the letter, and priority of possession is the only right held sacred. Each spring, long before the ice has released its grip on the shore, the fishermen are speeding northward to the rocky coasts of Labrador, each captain with his eye grimly fastened on a favorite piece of territory which he knows from past experience will be very liberal to him who plants his trap within its limits.

The Race is One for the Very Existence of the competitors and is attended often with the greatest hazard. Time and again do the hardy mariners butt the ice-flow with their slender prows, until at the end of a week the ice parts slightly, letting in a favored one, only to close the same night, shutting out countless others who may be even in sight of their more fortunate rival. The rights of position do not hold over from year to year, and the fortunate man is he whose vessel is swiftest, and whose complete knowledge of the treacherous coast enables him to hazard risks which his less-skilled neigh-

bor dares not undertake.

The Labrador cod are much smaller in size than those obtained by the inshermen on the Grand Banks and in addition to the rock species a variety of the Greenland cod is caught, much the same in size, but with a mottled skin. Three grades are recognized by the dealer at Battle Harbor, Newfoundland, cod holding the first place, Straits of Belle Isle cod the second, and Labrador cod the third; but in the European market, where for the most part of these fish go, it is needless to say that all are sold under the head of the first quality.

Oct. 28.

WILL GO SOUTH.

Sch. Dorothy of Beverly Sold to Pensacola Parties.

Sch. Dorothy of Beverly, which was run into and sunk several months ago while going into Boothbay Harbor, Me., and afterward raised and repaired, arrived here this morning. She has been sold to Pensacola, Florida, parties, and is now bound for that port under command of Capt. Benjamin Spurling of Boothbay Harbor to engage in the red snapper fishing.

THE SUPPLY OF PEARLS.

The Purpose of Scientific Investigation in the Ceylon Fisheries,

The pearl banks of Ceylon, it may be pointed out, are merely sand banks formed of sandstone and concretions upon which isolated masses of coral grow without forming reefs, so that severe disturbance of the oyster bed may very easily be set up. It is found that the collection of the spat by native divers is slow, but the most satisfactory.

The pearl bearing cestode is not a true oyster for edible purposes, but is more closely allied to the mussel family. It differs from the ordinary animal in having a "byssus," or bundle of tough threads, by means of which it secures a firm adherence to suitable materials, and similar to the facilities possessed by the mussel. Attempts are being made in cultivating this oyster by artificial impregnation of the pearl forming larvae. Investigation is being carried out to ascertain the origin of the spat and how it periodically disappears. In connection with this research a thorough study is being made of the sea currents on and around the oyster banks and of the surface drift in the gulf.

surface drift in the gulf.

The fishery is very intermittent. Prior to 1903 there had been none for 12 years, and the situation became so serious that a commission was appointed to investigate the subject. In 1905 the harvest was the greatest on record. Over 80,000,000 oysters were collected, realizing \$1,250,000, two-thirds going to the island's treasury. In the subsequent two years it dwindled regularly, and 1908 proved barren. It is against the recurrence of intermittent fat and lean years that scientific developments are being conducted so that the fishery each year may be of more steady and reliable proportions. By the assistance of science it is anticipated that the speculative character of the enterprise may be almost eliminated.

During the last few years the tendency toward "community of interests" had developed among the natives at the auction sales. A "ring" was formed to bring prices down, at the same time keeping out small purchasers, but an officer promptly suspended the auction indefinitely. The members of the ring, apprehensive that their journey to the island would prove abortive, broke up, since which time there has never been any attempt at "combination."—Scientific American.

Oct. 28.

WHAT FISH DID FOR GRIMSBY.

English Settlement Which Has Grown From 6,000 to 35,000.

In "Toilers of the Deep," (the organ of the Deep-Sea Mission) recently the subjoined paragraph appears, illustrative of the growth of the steam-trawling enterprise in England:

tive of the growth of the steam tive of the growth of the steam; "We give elsewhere in this number, under the heading of "Then and Now," the result of an interesting chat with Harrison Mudd, of Grimsby, a Napothe of the fishing industry. In subleon of the fishing industry. In sub-sequent numbers of the trade organ from which that record is quoted, a form which that record is quoted, a further article of the series deals with Lowestoft; and Mr. Catchpole, who is now well through his 78th year, tells us something of the growth of that fishing port. He has seen it rise from an overgrown village of some 6,000 to 7,000 inhabitants to its present population of 35,000. He recalls the local fishing fleet when it was not more than 30 boats, from 30 to 50 foot keel. Today there are 219 steam drifters, 73 to 83 foot keel, and 57 sailing craft, 61 foot keel. In 1868 there were only 40 smacks working out of Lowestoft, now there are 300 smart vessels, and much superior to the cockle-shells in which the fishermen risked their lives in the old days. The change in the social position of the fishermen now, as compared with then, says Mr. Catchpole, is also very marked. merly the settlements amongst fishermen were mostly made in public houses, and a large proportion of their earnings was spent in drink. Then, as now, drinking habits and poverty went together. But, happily, this is all very much changed for the better. These facts, with those showing the really marvellous growth of Grimsby, are but typical of what is going on all around the coasts and it is not sure around the coast; and it is not sur-prising, therefore, that the demands upon the Mission's resources in Great Britain-to say nothing of Newfoundland and Labrador-should also stead-

Oct. 28.

ily and surely increase."

Portland Fish Notes.

Sch, Ellen C. Burke was at Portland Tuesday with a trip of 9000 pounds of mixed fish and the smack Addie and Hattie brought in 4000 lob, sters. Schs. Eva and Mildred and Kate L. Palmer and sloop Minerva were in for harbor.

Provincetown Fleet Hauling Up.

The advent of the season when storms are frequent and dangerous brings about the annual hauling off of the vessels of the Provincetown fleet. Schs. Rose Cabral and Joseph P. John-Schs. Rose Cabral and Joseph P. Johnson are already hauled off, and schs Harvester and William A. Morse are on their way home to lay up. Sch. Rose Dorothea was at T wharf Tuesday morning, although she had her fish taken out Monday, and when she leaves she will bid good-bye to the dealers for two months at least. It is the practice of the Provincetown fishermen to take this annual rest, and their success during the time they fish warrants it. Most of the vessels make big money, and nearly every man of the fleet can count as his share

man of the fleet can count as his share of the earnings of the 10 months' fishing above \$1000. The men are thrifty and without being close are saving. They live well aboard their vessels. and while ashore spend as freely as others, but they are careful to put aside a good part of their earnings and most of them own their own homes and some are property owners

While the Portuguese captains from Gloucester and Rockport do not follow the example of their fellows from Provincetown in laying up their ves-sels during November and December, they take some time off, and some of them are able, without depriving their families of anything, to take long va-cation journeys each year. They and some of their men as well own considerable property in their home places, and one, who does not call himself a rich man by any means, pays a tax of over \$250 on his property each year.

Mackerel Notes.

The fare of North Bay salt mackerel of sch. Dauntless, $49\frac{1}{2}$ barrels, sold to the Consumers Fish Company for a lump sum, \$1050.

The fares of schs. Judique and Indiana sold to the Frank E. Davis Fish Company at \$22.50 per barrel, to pack

Mackerel have again showed up at Cape Cod, and the trap men are again finding them in the traps when they haul for fish. Yesterday morning there were 37 barrels of mackerel sent up to the Boston market, which had been

taken in the cape traps Tuesday.

The New York Journal of Com-

merce says:

"There is a fair demand for salt mackerel, but it is on the jobbing order. A rather easy feeling obtains in the market for the smaller sizes of Norway, but large and medium counts are held well up to the quotations. Irish is a shade firmer, especially on 400 to 500 count. Domestic mackerel is in limited supply and the tone of the market is firm. There have been some receipts from the North Bay fleet, all large, fine, fat fish, but so far as known no prices have yet been as known no prices have yet been made made on them. Scotch herring is meeting with a better demand and the market is firm. There is also a better demand for Holland herring at the present quotations and the market has a firm tone. Codfish is in fair request at the previous quotations.

New Jersey Fisheries.

The States Census Bureau marks the following report on the fisheries of New Jersey for 1908. The statistics do not include wholesale fish dealers

do not include wholesale fish dealers or canneries:

Products: \$3,068,590; independent fishermen, 4041; wage earning fishermen, 3190; vessels, 428, \$590,044; outfit, bait, fuel, provisions, etc., \$119,117; boats 3580, \$390,816; apparatus of capture, total, \$344,530; dredges, tongs, etc. \$30,810; fyke and hoopners, 1591 ture, total, \$344,530; dredges, tongs, etc., \$30,810; fyke and hoopnets, 1591, \$10,400; gillnets, 2243, \$62,360; lines, \$7370; pots, eel and lobster, 8,491, \$6620; pound and trapnets, 350, \$204,-280; grapes, 246, \$21,620; miscellaneous,

\$80; seines, 246, \$21,620; miscellaneous, \$520; shore and accessory property, \$200,230; cash capital, \$69,270.

Products: Bluefish, 1,850,500 lbs., \$96,850; bonita, 577,700 lbs., \$21,940; butterfish, 2,054,400 lbs., \$51,180; cod, 750,750, lbs., \$1,20,20, lbs., \$1,20,20, lbs., \$20,20, lbs. 3,766,700 lbs., \$129,930; croakers 790,-300 lbs., \$19,410; eels, 252,500 lbs.; \$22,090; flounders, 649,300 lbs. \$25,030; menhaden, 12,416,600 lbs., \$42,510; porgies, 1,196,300 lbs., \$35,410; sea bass, 3,160,600 lbs., \$123,350; shad, 3,004,200 lbs., \$229,490; squeteague or trout, 11,814,000 lbs., \$341,600; sturgeon (including caviar), 141,600 lbs., \$23,180; whiting, 3,708,300 lbs., \$44,310; miscellaneous fish skins etc. \$107,520 laneous fish, skins, etc., \$107,520.

Norwegian Herring Trade in Poor Condition.

The British Vice-Consul at Bergen says Norwegians complain of the bad state of their herring trade. In fat herrings the market appears to have been secured by Dutch, Scotch and been secured by Dutch, Scotch and German herrings, and difficulties are expected in regaining the ground lost. Last year the spring herrings were characterized as having been practi-cally worthless, all profits being swallowed up by cost of salting and shipment. The home consumption of

herrings appears to be on the decline, in spite of attempts to encourage their use as an article of diet in Nor-way. Attention is now being directed to the question of wind-dried herrings, and to the treatment of her-rings on board German fishing vessels.

Oct. 28.

BOSTON RECEIPTS INCREASED.

Fish Prices Are, However, Well Maintained.

This morning's Boston report shows the biggest fleet of vessels there of any day this week, there being 31 crafts there, but on the whole their fares do not reach the half million pound market, so that the week is marked as one of very light receipts for this season of the year. Prices, though a little off from the big figures of the first half of the week, are still fine and profitable for vessels having any fish, but Friday and Saturday will probably bring the expected end of the week drop, unless bad weather or a regular storm sets in and causes a fish famine.

The receipts this morning aggregate 447,000 pounds, and, as has been

gate 447,000 pounds, and, as has been the case all the week, pollock and hake predominate, there being but 124,000 pounds of haddock and 75,000 pounds of cod in.

Sch. Lucania, Capt. Martin L. Welch, has the largest fare, 80,000 pounds of haddock and cod, and will stock well. Schs. Warren M. Goodspeed. Athena. Jessie Costa and Clara. speed, Athena, Jessie Costa and Clara G. Silva of the market fleet have from 20,000 to 25,000 pounds, and the rest of the fleet run from 1000 to 13,000 pounds.

of the pollock fleet are in Eight with from 7000 to 28,000 pounds each. A few are taking out at splitting prices and the rest will come here. Some hake is also booked for the split-

Haddock opened at from \$3 to \$4 and large cod brought the same figure.

Boston Arrivals.

Sch. Volan, 28,000 pollock.

Sch. Azorean, 5000 pollock. Sch. Hattie F. Knowlton, 2000 had-

dock, 1000 cod.

Mary DeCosta, 3500 haddock, 3500 cod, 3000 hake. Sch. Maud F. Silva, 3500 haddock, 1000 cod, 2000 hake.

Steamer Lydia, 2000 haddock, 1000

cod, 2000 hake.

Sch. Julietta, 2000 haddock, 2500 cod; 4000 polloek.

Sch. Diana, 6500 pollock.

Sch. Clara G. Silva, 18,000 haddock, 6000 cod.

Sch. Tecumseh, 3000 haddock, 2000 cod, 2000 hake, Sch. Jessie Costa, 6000 haddock, 5000

cod, 6000 hake, 8000 pollock.

Sch. Lucania, 50,000 haddock, 30,000 4000 haddock,

Sch. Ida M. Silva,

1000 cod, 4000 hake. 5000 haddock, 2000

Sch. Galatea, cod, 8000 hake. Sch. Stranger, 2500 haddock, 1000

cod, 5000 hake, 7000 pollock. Sch. Valentinia, 14,000 pollock. Sch. Priscila, 21,000 pollock.

Sch. Athena, 8000 haddock, 2000 cod,

14,000hake.

Uncle Sam Sch. Teresa and Alice, 2000 had-

dock, 4000 cod, 20,000 hake. Sch. Motor, 1500 haddock, 10,000

hake. Manomet, 4000 haddock, 3000

cod, 6000 hake, 4000 cusk. Sch. Vesta, 7000 pollock. Sch. Mary T. Fallon, 4000 haddock,

000 cod, 3000 hake. Sch. Viking, 17,000 pollock.

Sch. J. F. McMorrow, 1300 cod. Sch. Mary J. Ward, 1000 cod, 5000

pollock.

Sch. Leo, 2000 haddock, 1000 cod, pollock.

Sch. Catherine D. Enos, 16,000 pollock. Warren M. Goodspeed, 17,000

haddock, 3000 cod, 6000 hake, 1000 cusk, 4000 pollock.

Sch. Evelyn L. Thomas, 4000 haddock, 2000 cod, 8000 hake. Haddock, \$3 to \$4 per cwt.; large cod, \$3 to \$4; market cod, \$1.75 to \$2; hake, 70 cts. to \$1; pollock, 60 cts.

Pacific Codfish Notes.

The codfishing fleet that operates out of San Francisco is all in for the season, and the results have not been up to expectations. Some of the vessels made fairly good catches, but others came back light. The Puget Sound fleet did better, but it may be said that it would have been beneficial for the market if the catch had been

With winter coming on, a better de-mand for codfish is anticipated, but conditions on the coast are much the same as they were last season. The low price of eastern fish prevents the local firms from reaching into the Middle West, and thus their available territory is confined to the coast sec-

tion.

The export trade is quiet, and that with Australia and New Zealand is almost entirely cut off. The new pure food laws in those countries exclude codfish put up with any preservatives other than salt; and American shippers have found that it is risky to make shippers to the tropics under make shipments to the tropics under these conditions.

Sardine Herring Shipped to Eastport.

While bait herring are hard to get there are quite a lot of the small herring up the shore, and Boston is now shipping to the sardine factories at Eastport, Me., with sardine herring. The sending of the small herring began last Friday, when a shipment of 1000 barrels was made, and on each sailing of the steamer she has taken from 500 to 1000 barrels as part of her

Sch. Atalanta Spoken.

Capt. Daniel McDonald of sch. Mooween reports speaking sch. Atalanta on Quero Bank recently.

Oct. 28.

FISH RECEIPTS LIGHT HERE.

Incoming Vessels Report Finding Fish Scarce.

A glance at the arrival sheet here since last report shows nothing very startling or out of the ordinary line. One fresh halibuter with a small catch, a deck handliner, with a good fare, one lot of hake from Boston, one cured fisherman, a Quero shacker fairly well fished and a few pollockers, tells the

Capt. Daniel McDonald of the halibuter Mooween reports finding fish very scarce both on St. Peter's and Quero bank. He was bothered for bait and struck bad weather on the last of

the trip.
Sch. Tartar from Quero, shacking, has 110,000 pounds of fresh cod and 12,000 pounds of salt cod and sch. Ayalon, deck handlining, brings 60,000 pounds of salt cod. Sch. S. L. Foster brings 700 quintals of cured fish from Southwest Harbor. Sch. Elizabeth W Nunan, from Boston, late yesterday afternoon, hustled out 20,000 pounds of hake, then took her bait and sailed on another trip at 3 o'clock this morn-ing. Schs. Ignatius Enos and Rita A. Viator and Lafayette had pollock and the torchers had 75 barrels of fresh herring.

Today's Receipts.

Sch. Mooween, St. Peter's Bank, 4000 lbs. halibut, 12,000 lbs. salt cod, 4000 lbs. fresh fish. Sch. Elizabeth W. Nunan, via Boston,

fresh nake

Sch. Tartar, Quero Bank, 110,000 lbs. fresh cod, 12,000 lbs. salt cod.

Sch. Belbina P. Domingoes, via Bos-

Sch. Rita A. Viator, via Boston, 20,-

000 lbs. pollock.

Sch. Avalon, Quero Bank, deck hand-lining, 60,000 lbs. salt cod.

Sch. Annie and Jennie, shore.

Sch. Dorothy, Boothbay. Sch. Lafayette, shore, 10,000 lbs.

pollock. Sloop Ignatius Enos, via Boston, 7000

lbs. pollock.

Sch. S. L. Foster, Southwest Harbor, 700 quintals cured fish.

Boats and torchers, 75 bbls. fresh

herring.
Sch. Alcina, shore.

Sch. Minerva, shore. Sch. Thomas J. Carroll, via Boston.

Sch. Actor, shore. Sch. Lillian, shore.

Sch. Gracie, shore.

Sch. Lafayette, pollocking. Sch. Thomas J. Carroll, shore. Sch. Emerald, shore.

Sch. Elizabeth W. Nunan, haddock-Sch. Walter P. Goulart, haddocking.

Sch. Olympia, pollocking. Sch. Grayling, deck handlining.

Today's Fish Market. Cape North salt cod, large, \$3; meliums, \$2.75.

Outside sales, fresh western cod, large, \$2, market, \$1.65; haddock, 65c Outside sales fresh eastern cod,

arge, \$1.60; medium, \$1.40. Outside sales salt Rips cod, \$3.60 per wt. for large and \$3.25 for mediums. Salt dory handline codfish, large,

\$3.25; mediums, \$3.
Round pollock, 55 cts. per cwt. Outside sales of round pollock, 600

Bank halibut 12 cts. per lb. right hrough for white and gray. Small lots fresh halibut, 19 cts. 1b

Flitched halibut, 8 1-4 cts. per 15. Salt large shore mackerel, rimmed, late caught, \$38 per bbl. for large and \$22 for medium.

North Bay salt mackerel, \$22 per

Board of Trade prices: Large drift Georges cod, \$3.60 per ewt.; medium cod, \$3.25.

Large halibut cod, \$3 per cwt.; medium cod, \$2.75; snappers, \$1.50.

Trawl salt Georges cod, large, \$3.50;

nediums, \$3. Large salt handline Georges cod, arge, \$3.75; medium, \$3.25. Dory handline salt cod, large, \$3.25;

nedium, \$3. Eastern drift salt cod, large, \$3.25 per cwt.; medium, \$3. Trawl bank cod, large, \$3 per cwt.;

medium, \$2.75; snappers, \$1.50. Salt cusk, large, \$2.50 per cwt.; medium, \$2; snappers, \$1.
Salt pollock, \$1 per cwt.; salt had-

dock, \$1; salt hake, \$1. Splitting prices for fresh fish, Western cod, large, \$2 per cwt.; medium do., \$1.65; Eastern cod, large, \$1.70;

cod, \$1.40; cusk, \$1.65 for large; \$1.20 for medium, and 50c for snappers; haddock, 65 cts.; hake, 90 cts.; pollock, 60 cts.

PORT OF GLOUCESTER.

Arrived Today.

Barge Radnor, Philadelphia, coal for . H. Boynton.

Sch. Ella May, Boston for Rockland. Sch. Freddie Eaton, Boston for Ca-

Sch. Ernest L. Lee, New York for

Halibut Sale.

The fare of halibut of sch. Mooween sold to the American Halibut Company at 15 cents per pound for white, 12 cents for gray and 10 cents for large

Oct. 29.

BIG LOBSTER SHIPMENT.

Rockland, Me., Established a New Record One Day Last Week.

Rockland established a new record for lobster shipments one day last week when the American Express Company handled 275 barrels on one train alone. This immense output was being shipped by four wholesale dealers. The lobsters had for their destination many parts of the western country, and some went to Mexico city. Some idea of the immensity of this shipment may be gathered from the fact that the Boston & Maine division was delayed half an hour while the transfer was being made. Rockland is bound to take her place as the premier lobster port of Maine. At Matinicus, after two months of close time, the fishermen are getting from 50 to 225 lobsters a boat. About 50 smacks are now engaged in the industry there. Last week the fishermen were being paid 18 cents apiece for lobsters.

Oct. 29.

Fishing Fleet Movements.

Schs. William H. Rider, Theodore Roosevelt, Rebecca and Agnes were at Liverpool, N. S., on Wednesday, all but the latter clearing the same day, Schs. Diana and Emily Cooney were at Louisburg, C. B., on Tuesday, Sch. Arethusa was at North Sydney, C. B., last Saturday.

Sch. Mooween Will Haul Up.

Capt. Daniel McDonald of sch. Mooween, the high liner of the fresh halibut fleet, will now haul the craft up for four or five weeks and fit out again in December.

Oct. 29.

FISH RECEIPTS.

Amounts and [Values Landed at This Port and Boston.

According to the figures of the United States Fish Commission, 147 fares, aggregating 4,074,557 pounds fresh fish, valued at \$64,431, and 6,717,100 pounds salt fish, valued at \$232,258, a total of 10,891,657 pounds, valued at \$296,689, were landed at this port during the month of September, and 330 fares, aggregating 8,953,450 pounds of fresh fish, valued at \$202,016, and 20,800 pounds of salt fish, valued at \$1336, a total of 8,974,250 pounds, valued at \$203,352 were landed at Boston for the same month.

The receipts in detail at each port

Gloucester.

Glouces	ster.	
	Pounds.	Value.
Fresh Cod	3,117,323	\$50,052
Salt Cod	5,803,660	179,781
Total Cod	8,920,983	\$230,833
Fresh Haddock	. 227,540	2,078
Salt Haddock	47,919	478
Total Haddock	275,459	2,556
Fresh Cusk	83,990	1,348
Salt Cusk	39,467	g 988
Total Cusk	123,457	2,336
Fresh Hake	72,425	511
Salt Hake	38,594	386
Total Hake	111,019	897
Fresh Pollock	102,070	844
Salt Pollock	154,039	1,537
Total Pollock	256,109	2,381
Fresh Halibut	72,799	6,735
Salt Halibut	575,421	45,887
Total Halibut	648,220	52,622
Fresh Swordfish	2,850	314
Salt Mackerel	20,800	1,336
Fresh Bluebacks	365,000	1,384
Fresh Herring	18,600	233
Salt Herring	8000	160
Total Herring	26,600	393
Fresh Butterfish	2,600	104
Bost		
	Pounds.	Value.
Fresh Cod	2,843,800	\$76,922
Fresh Cusk	144,500	2,573
Fresh Haddock	3,800,450	66,096 15,936
Fresh Hake	1,070,700	14,495
Fresh Pollock	845,300 138,100	12,597
Fresh Halibut Salt Mackerel	20,800	1,336
	104,600	13,397
Fresh Swordfish	104,000	10,001

Oct. 29.

FISHING FACTS.

Sardine Season Below Normal.

The domestic sardine situation remains unsatisfactory, the run of fish being irregular and behind the normal, and the packages still unsettled on the question of a more uniform price schedule. Quotations have recently advanced, but they may be said to be only normal.

So scarce are the fish that the factories are running only about half the time. The catch is the shortest for six or seven years, and many large concerns are heavily over-sold.

Curious Japanese Fish.

One of the most interesting of fish of Japanese waters, says a zoologist, is the Oriental sail fish (Histiophorus orientalis). The generic name means the sail bearer and refers to the huge dorsal fin possessed by the species.

The fin stands higher than the body

above it and is used as a sail before the wind. It is a large fish, 10 feet in length and weighing 164 pounds. They swim about usually in pairs in rough and windy weather with the huge fins above the water.

It is a favorite food fish and the annual catch is nearly 2,000,000 pounds. The sail fish is caught by means of a harpoon.

Another food fish known as a dolphin or dorado is sometimes caught in a curious way. The fishes congregate under a decoy bush and raft made of bamboos, and are then caught by hooks baited with squid.

Or the decoy bush is surrounded by seine net and the dolphins are driven by beating the surface of the water with sticks. This fish is eaten both fresh and salt and is a great favorite in Western Japan as the salmon is in the Northeast.

Oysters in Tubs.

Oysters may be shipped in tubs up to May 1, 1910, according to the decision of the United States Department of Agriculture. After that day dealers having tub oysters in their possession will be prosecuted under the provision of the national pure food and drug law. This information was sent out last Saturday by the Department of Agriculture and is the result of a careful study of the oyster question by officials of the department.

Found Moonstone in Fish.

F. M. Reif, of Traverse City, Mich., caught a big whitefish a few days ago, and when dressing it for the family dinner, he found a fairly large moonstone in the stomach. A local jeweler pronounced the stone a valuable one and advised Reif to send it to some dealer in precious stones for an appraisal. Reif will send it to a Chicago

Ten Thousand Miles of Herring Nets. It is computed that during the herring season 10,000 miles of net are cast into the North Sea; that the value of the produce is about \$15,000,000; and (estimating a "last" to contain 13,200 fish) that the actual number of herring caught reaches a total of over three thousand eight hundred millions.

Oct. 29.

BOWSPRIT UNDER WHARF.

Sch. Albert W. Black Rescued From Perilous Position at Portland.

What might have been an expensive injury to the fishing schooner Albert W. Black, was averted early Wednesday morning by the prompt response of the tug Startle in Portland harbor to the call for help. The Black arrived early yesterday morning from Boston, where she had disposed of her fare of fish, and the master headed the vessel for the end of Long wharf, to tie up. It was low water at the time, and when a short distance from the end, the schooner touched bottom, and remained there until the tide flowed, when she would float to the wharf.

In some unexplained manner, the vessel's bowsprit caught under the hard pine stringer on the end of the wharf, between the two piles, and at 5 o'clock, with two hours' flood tide, the vessel's bowsprit was securely held, and it could not be moved. The tide kept on rising and help was summoned from the tug Startle, which was at the same wharf. It took some time to get up steam on the tug, but after a while the boat backed out of the dock, and made lines fast to the schooner, after which she began to pull on the vessel.

The crew of the vessel secured axes to cut away the stringer, but after a hard pull, the schooner was freed from her dangerous position. Just before she was clear, the vessel's stern was lifted two feet out of water, and the bowsprit was bent considerably by the tremendous pressure resting on it. It was a miracle that the bowsprit

MACKEREL IN CAPE COD TRAPS.

Some Large Ones Also Taken on the Nova Scotia Coast.

Another lot of mackerel was received at Boston yesterday morning, and large and small fish were included in the lot. The fishermen at Cape Cod had found that the warm mid-days brought the mackerel to the traps, and found a considerable quantity of them when the traps were hauled. In one trap 1800 fish were taken, and yesterday morning there were nine barrels of the Cape Cod mackerel sent up to the market.

The fishermen who still look for mackerel along the Nova Scotia coast were equally successful. The mackerel they got were large ones, running to three pounds and over, and yesterhad 69 barrels of these big fish for

Oct. 29.

Lamp Exploded on Schooner.

While sch. Leo was bound into Boston Wednesday night, the lamp in the forecastle exploded. The sharp sound and accompanying flash awoke the men sleeping forward, and when they jumped from their berths, they found the floor of the forecastle in flames. and hastily seizing their blankets, they threw them on the fire, quenching it before it had done much damage.

Variety of Fish at Boston.

Smelts came in good quantities at Boston yesterday, both from Prince Edward island and from Maine, and these, with the mackerel and the scallops from Maine and Cape Cod and the butterfish that came from the Cape, gave the market a variety, and helped cover the lack of haddock and

Oct. 29.

THE COD FISHERIES OF NORWAY.

The Average Catch of the Men of That Country About 50,700,000.

Consul-General Henry Bordewich of in due course of time, taken out, work-Christiania, furnishes the following ed free of surplus salt, and carefully cleaned of black membranes on the report concerning the Norwegian winter cod fisheries:

The Norwegian winter codfisheries begin, as a general rule, during the first part of January each year, and last until June. These fisheries are conducted along the shores of the central and northern parts of the country, the Lofoten Islands, from remote ages having been considered the best grounds. During the season, the fishermen gather at the several fishing stations in these islands from all parts of the north country. With the modern and larger craft now used, many of them provided with motors, the men are enabled to frequent more dis- for food, but by far the larger portion tant fishing banks, and it has therefore been found more profitable than france and Spain, where they are fermerly to fish much farther south used as bait at the sardine fisheries. where the banks are further out to The heads of cods and the backbones sea. The fish are seldom taken more than 20 miles off shore, along the ground for fertilizers. Lofoten Islands, and the best catches there are often made only two or (June, 1909), very near their terminathree miles from shore. Nets, set tion; the later catch, which will be lines and hand lines are used indis- of small consequence, is not likely to criminately. Some 85,000 men, with exceed a million fish. The number of 19,000 craft of different kinds and di- cod and the by-product obtained durmensions, are annually engaged in the ing the season were 54,000,000 cod, of Norwegian winter cod fisheries.

The Winter Cod Is Prepared for Market by the Norwegians

is known to the trade as "stockfish," or else by what is termed "klipfish." The latter is known in Latin countries | time and place. where both kinds find their best market, as "bacalao." In the preparation of "stockfish," after the head and entrails have been removed, are strung For "klipfish," the head and entrails zinc-lined barrel of 30 gallons, c. i. f. are removed, the fish split along the Bergen, \$13.95; mechanical oil, c. i. f. belly and the upper part of the back-bone removed. The fish is then salted barrels, \$10.72 to \$16 per barrel, and and piled in ships' hulls or suitable "stockfish" \$15 to \$17.42 per hundred buildings in regular layers, and finally, kilos (220 pounds).

belly side and then cured in places where suitable flat rocks are found convenient for the purpose. Sometimes more than 100,000 fish may beprepared this way in one place, giving employment to a great number of persons mostly women and children "Klipfish" is well known in American households under the general apellation of codfish (salted). Among the by-products of cod are the livers, from which is extracted oil prepared either for medicinal or mechanical purposes and the roes.

The Roes Are to Some Extent Prepared and Canned

is salted in barrels and exported to

The season's cod fisheries are now which 26,200,000 were prepared as "stockfish" and 24,000,000 as "klipfish;" 47,000 barrels of 26.42 gallons of medicinal codliver oil; 24,700 barrels of in two different ways, either by what livers for machine oils, and 41,900 barrels of roes. The prices paid the fishermen vary much according to

The average catch at the Norwegian cod fisheries for a period of 42 years, covered by statistical reports, is 50,-700,000 cods per annum, and this figure together in pairs by the tail fins and has in 1909 been reached for the first hung, unsalted, on horizontal poles time since the year 1897. The market resting on beams placed on uprights, prices for cod fishery products on June re as follows: Medicinal oil, per